

LAUREN B. DECKER

EDUCATION

University of Washington
Bachelor of Science, Oceanography, 2005
Concentration in Physical Oceanography
Minor in Applied Mathematics

University of Rhode Island
Masters of Science, Oceanography,
expected graduation 2009
Adviser: Dave Hebert

EXPERIENCE

Student Research Assistant University of Rhode Island Fall 2006-Present
Narragansett, RI

NSF grant: Mid-shelf front in the Middle Atlantic Bight

- Data collection, processing and analysis of towed undulating vehicle data (Scanfish) for the mid-shelf front project and thesis work.

Research Assistant University of Washington Summer 2004 to Summer 2006
Seattle, WA

Puget Sound Regional Synthesis Model (PRISM)

- Originated idea and creation of matlab GUI for rapid examination of data from all PRISM data collection cruises. Also built metadata for the PRISM data set and charged with responsibility for minutes at meetings.
- Created another GUI for educational purposes from a box model of the Puget Sound.
- Created a Python program for cruise ship effluent tracer from a particle tracing program and a POM circulation model.

Student Assistant University of Washington APL Summer 2004 to Spring 2005
Seattle, WA

Integrated Observational Platforms, Ocean Physics Dept.

- Independently tested calibrations of new pitch/roll and compass equipment on Seagliders. Plotted data from completed missions to enable analysis by department.
- During the summer volunteered to work any necessary shifts to deploy gliders on schedule.

Computer Tech/Data Entry Party World Rentals Summer 1998, 2002, 2003
Anchorage, AK

- Setup new computerized rental system improving inventory control and enhancing ability to bill customers accurately.
- Compiled and analyzed rental systems data in Excel providing improved analysis of business/customer trends.
- Answered phones, worked directly with clients to solve their problems, helped clients fill large orders, and communicated with delivery personnel and clients.

COMPUTER SKILLS

MATLAB data modeling/analysis MS-Access, Excel, Word, PowerPoint L^AT_EX
WEB/HTML production some Python